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	FOREIGN PATENT DOCUMENTS						
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		JP1995113001A	5/2/1995		Yes		
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	OTHER PRIOR ART					
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume- issue number(s), publisher, city/country where published				
Ma		Beran, K. et al. Ceskoslov. mikrobiol. (1956), 1: 193-203. Saccharification of starch in potato mash with fungus amylolytic preparations.				
ma		Kato, T. et al., Jozo Kyokai Zasshi (1964), 59(5): 431-4. Soybean hull. II. Hydrolyzate of soybean hull prepared by using cellulose. Abstract.				
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	U. S. PATENT DOCUMENTS						
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EMpivals 是对于CNC	
mr 7	Aloe Vera Research Author unknown, Date of publication, if any, unknown.
	Alton, G et al., Direct utilization of mannose for mammalian glycoprotein biosynthesis, Glycobiology, vol. 8, no. 3, 1998, pages 285-295.
	Bond, A et al., Distinct Oligosaccharide Content of Rheumatoid Arthritis-Derived Immune Complexes, Arthritis & Rheumatism, Vol. 38, No. 6, 1995, pages 744-749.
	Bond, A et al., The relationship between exposed galactose and N-acetylglucosamine residues on IgG in rheumatoid arthritis (RA), juvenile chronic arthritis (JCA) and Sjögren's syndrome (SS) Clin exp Immunol (1996); Vol. 105, pages 99-103.
	Bouic, P et al., Plant Sterols and Sterolins: A Review of Their Immune-Modulating Properties, Alternative Medicine Review, Vol. 4, No. 3, 1999, pages 170-177.
	Chinnah, A et al., Antigen dependent adjuvant activity of a polydispersed β-(1,4)-linked acetylated mannan (acemannan), Vaccine, Vol. 10, No. 8, 1992, Pages 551-557.
4	Clamp, J R et al., Study of the Carbohydrate Content of Mucus Glycoproteins from Normal and Diseased

				
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In place of PTO-1449 Form			F COMMERCE MARK OFFICE	Complete if Known
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		OTHER PRIOR ART
Examiners	Cite	Anciade name of the authors in CAPITAL PLEASERS In the of the lattice; the item date spage (s). Volume
Initials	No =	aux (ssde numbers) publisher city/country/where published (see 2) 2000 2000 2000 2000 2000 2000 2000
l		Cuddihy, J et al., The Presence of Total Polysaccharides in Sugar Production and Methods for Reducing Their
$ \mathcal{M}C+$	1	Negative Effects, Midland Research Laboratories, Inc.; date of publication, if any, unknown.
		Davis, R, Polysaccharide: The Magic Bullet, Inside Aloe
l f		
		Djeraba, A et al., In vivo macrophage activation in chickens with Acemannan, a complex carbohydrate
	l	extracted from Aloe vera, International Journal of Immunopharmacology, Vol. 22 (2000), pages 365-372.
		Dwek, R A, Glycobiology: The function of sugar in the IgG molecule, Anat., Vol. 187 (1995), pages 279-292.
		Edwards, C A et al., Viscosity of food gums determined in vitro related to their hypoglycemic actions, Am J Clin
l i		Nutr Vol. 46 (1987), pages 72-77.
		Ercan, N, Effects of Glucose, Galactose, and Lactose Ingestion on the Plasma Glucose and Insulin Response
	1	in Persons With Non-Insulin-Dependent Diabetes Mellitus, Metabolism, Vol. 42, No. 12 (1993), pages 1560-
		1567.
		Feizi, T, Significance of carbohydrate components of cell surfaces, Autoimmunity and autoimmune disease,
		Wiley, Chichester (Ciba Foundation Symposium 129); (1987), pages 43-58.
		Fukuda, M et al., Molecular Glycobiology, Oxford University Press, pages 1-52.
		Ghoneum, M, Anti-HIV Activity in Vitro of MGN-3, an Activated Arabinoxylane from Rice Bran, Biochemical and
i l	1.	Biophysical Research Communications, Vol. 243 (1998), pages 25-29.
		Hakomori, S, Aberrant Glycosylation in Cancer Cell Membranes as Focused on Glycolipids: Overview and
		Perspectives, Cancer Research, Vol. 45 (1985), pages 2405-2414.
		Hara, H et al., Ingestion of Guar Gum Hydrolysate, a Soluble Fiber, Increase Calcium Absorption in Totally
		Gastrectomized Rats, J. Nutr., Vol. 129 (1999), pages 39-45.
		Haydu, C et al., Medical Attributes of Aloe vera - The Aloe Plant, Wilkes University (1997), pages 1-8.
		Ikegami, S et al., Viscous Indigestible Polysaccharides Reduce Accumulation of Pentachlorobenzene in Rats.
	<u> </u>	J. Nutr., Vol. 124 (1994), pages 754-760.
		Kahlon, J et al., Inhibition of AIDS virus replication by Acemannan in vitro, Mol. Biother., Vol. 3 (1991), pages
		127-135.
		Kelly, G., Larch Arabinogalactan: Clinical Relevance of a Novel Immune-Enhancing Polysaccharide, Altern
	.	Med Rev, Vol. 4, No. 2 (1999), pages 96-103.
1 1		Kidd, P, The Use of Mushroom Glucans and Proteoglycans in Cancer Treatment, Altern Med Rev, Vol. 5, No. 1
ļ	 	(2000), pages 4-27.
f I		Knopp, R et al., Long-Term Blood Cholesterol-Lowering Effects of a Dietary Fiber Supplement, Am J Prev Med,
 	 	Vol. 17, No. 1 (1999), pages 18-23.
[Landin, K et al., Low blood pressure and blood glucose levels in Alzheimer's disease Evidence for a
	 	hypometablic disorder? J Intern Med, Vol 233 (1993), pages 357-363.
		Leclère, C et al., Role of viscous guar gums in lowering the glycemic response after a solid meal, Am J Clin
-	 	Nutr, Vol. 59 (1994), pages 914-21. Malhotra, R et al., Glycosylation changes of IgG associated with meumatoic arthritis can activate complement
1	İ	via mannose-binding protein, Nature Medicine, Vol. 1, No. 3 (1995), pages 237-243.
	 	Matsuda, K et al., Inhibitory Effects of Sialic Acid- or N-Acetylglucosamine-Specific Lectins on Histamine
		Release Induced by Compound 48/80, Bradykinin and a Polyethylenimine in Rat Peritoneal Mast Cells, J.
1 1		Pharmacol, Vol. 64 (1994) pages 1-8.
	 	Olszewski, A et al., Plasma glucosamine and galactosamine in ischemic heart disease, Atherosclerosis, Vol. 82
	! .	(1990), pages 75-83.
	†	Overton, P D et al., The effects of dietary sugar-beet fibre and guar gum on lipid metabolism in Wistar rats,
		British Journal of Nutrition, Vol. 72 (1994), pages 385-395.
77	ì	Pelley, R, The Story of Aloe Polysaccharides, Inside Aloe, The International Aloe Science Council, Inc., Jan.
	L	1997.

	1997.	<u>*</u>		
Examiner Signature	Michelo !	Harl.	Date Considered	1/26/2005
	Initial if reference considered, whethere and not considered. Include a con-			through citation if not

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	OTHER PRIOR ART
Examiners	Cited and the pament melauthor (in GAP, IAN ELIPIERS), bit exortibe ratide stitle of the inemedate: page (5) a volumes a
Colonials	Assuenumber(s) publisher-city/country/where published (2004)
-010	Peng, S Y et al., Decreased mortality of Norman Murine Sarcoma in mice treated with the immunomodulator,
	Acemannan M., Mol. Biother, Vol. 3 (1991), Pages 79-87.
	Petersen, M et al., Early Manifestation of the Carbohydrate-Deficient Glycoprotein Syndrome, J Pediatr, Vol.
	122 (1993), pages 66-70.
	Pugh, N et al., Characterization of Aloeride, a New High-Molecular-Weight Polysaccharide from Aloe Vera with Potent Immunostimulatory Activity, J Agnc Food Chem, Vol. 49 (2001), pages 1030-1034.
	Qiu, Z et al., Modified Aloe barbadensis Polysaccharide with Immunoregulatory Activity, Planta Medica, Vol. 66 (2000), pages 152-156.
	Ramelow, G et al., Uptake of metallic ions from aqueous solution by dried lichen biomass, Microbios, Vol. 66 (1991), pages 95-105.
	Rest, R et al., Mannose Inhibits the Human Neutrophil Oxidative Burst, Journal of Leukocyte Biology, Vol. 43 (1988), pages 158-164.
	Ryan, D et al., GG167 (4-Guanidino-2,4-Dideoxy-2,3-Dehydro-N-Acetylneuraminic Acid) Is a Potent Inhibitor of Influenza Virus in Ferrets, Antimicrobial Agents and Chemotherapy (1995), pages 2583-2584.
	Sampaio, A et al., A Galactose-Specific Lectin from the Red Marine Alga Ptilota Filicina, Phytochemistry, Vol. 48, No. 5 (1998), pages 765-769.
	Sanchez, A et al., Role of sugars in human neutrophilic phagocytosis, Am J Clin Nutr, Vol. 26 (1973), pages 1180-1184.
	Scott, J, Extracellular matrix, supramolecular organisation and shape, J Anat, vol. 187 (1995), pages 259-269.
	Fucoidan Research – Author unknown, Date of publication, if any, unknown.
	Stone, K R, Glucosamine References, Arthritis & Glucasamine Resource Center (2004), pages 1-10.
	Teas, J, The Dietary Intake of Laminaria, a Brown Seaweed, and Breast Cancer Prevention, Nutrition and Cancer, Vol. 4, No. 3 (1983), pages 217-222.
	Theodosakis, J et al., The Arthritis Cure, St. Martin's Press, NY, pages 29-52; date of publication unknown.
	Tizard, I, Aloe-derived carbohydrates reduce inflammation by blocking nutrophil emigration mediated by certain beta2 integrins, Abstract for presentation at IASC Scientific Seminar, Texas A&M University, College Station, Texas; date of publication unknown.
	Tizard, I et al., The biclogical activities of mannans and related complex carbohydrates, Mol. Biother, Vol. 1, No. 6 (1989), pages 290-296.
	Varkl, A, Unusual modifications and variations of vertebrate oligosaccharides: are we missing the flowers for the trees? Glycobiology, Vol. 6, No. 7 (1996), pages 707-710.
	Viletinck, A J et al., Plant-Derived Leading Compounds for Chemotherapy of Human Immunodeficiency Virus (HIV) Infection, Planta Medica, Vol. 64 (1998), pages 97-109.
	Womble, D et al., Enhancement of Allo-Responsiveness of Human Lymphocytes by Acemannan (CARRISYN™), Int. J Immunopharmac., Vol. 10, No. 8 (1988), pages 967-974.
	Womble, D et al., The Impact of Acemannan on the Generation and Function of Cytotoxic T-Lymphocytes, Immunopharmacology and Immunotoxicology, Vol. 14, Nos 1 and 2 (1992), pages 63-77.
	Zavoral, J et al., The hypolipidemic effect of locust bean gum food products in familial hypercholesterolemic adults and children, Am J Clin Nutr, Vol. 38 (1983), pages 285-294.
	About Konnyaku, Author unknown, Date of publication, if any, unknown.
73	What's Glucomannan, Author unknown, Date of publication, if any, unknown.

Examiner	10/10/1	1 21.1	Date	9/2/ -
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FOREIGN PATENT DOCUMENTS						
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15 JA	,	JP 10279487 A	10/1998	TAKASE et al.	Y (Abstract)	
		JP 10279496 A	10/1998	TOKUYAMA, TAKASHI	Y (Abstract)	
7		JP 59059624 A	4/1984	FUJIMURA et al.	Y (Abstract)	
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OTHER PRIOR ART						
Examiners Cite	Tindude name of the jaumor ((n)CAPITALILE ITIERS)) tute of the article (title of the itlem, date; page(s); volume is					
ma	Bradbury, A. G. W. et al., Colloque Scientifique International sur le Café, 1988, 12:265-269. Polysaccharides in green coffee beans.					
	Communication from the U.S. Patent and Trademark Office dated December 16, 2004 regarding U.S. Patent Application No. 10/797,760, which is related to U.S. Application No. 10/797,344.					
	Communication from the U.S. Patent and Trademark Office dated April 6, 2005 regarding U.S. Patent Application No. 10/797,760, which is related to U.S. Application No. 10/797,344.					
	Communication from the U.S. Patent and Trademark Office dated May 5, 2005 regarding U.S. Patent Application No. 10/797,760, which is related to U.S. Application No. 10/797,344.					
	Communication from the U.S. Patent and Trademark Office dated July 20, 2004 regarding U.S. Patent Application No. 10/294,121, which is related to U.S. Application No. 10/797,344.					
	Communication from the U.S. Patent and Trademark Office dated December 15, 2004 regarding U.S. Patent Application No. 10/294,121, which is related to U.S. Application No. 10/797,344.					
47	Communication from the U.S. Patent and Trademark Office dated August 25, 2005 regarding U.S. Patent Application No. 10/797,760, which is related to U.S. Application No. 10/797,344.					

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7 7	4,851,224	7/25/1	989	McAnalley		
7	4,917,890	4/17/1	990	McAnalley		
	4,957,907	9/18/1	1990	McAnalley		
	4,959,214	9/25/1	1990	McAnalley		
-	4,966,892	10/30/	1990	McAnalley		
	5,106,616	4/21/1	1992	McAnalley et al.		
_	5,118,673	6/2/1	992	Carpenter et al.		
	5,284,833	2/8/1	994	McAnalley et al.		
	5,308,838	5/3/1	994	McAnalley et al.	· - · · · · · · · · · · · · · · · · · · ·	
-	5,441,943	8/15/1	8/15/1995 McAnalley et		et al.	
4	5,443,830	8/22/1	995	Moore et al.		
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				OCUMENTS		
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